Lockheed Martin
Scientific Engineering, Response and Analytical Services
2890 Woodbridge Avenue Building 209
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

DATE: February 17, 2012

TO: Kelley Chase, EPA Region 3 OSC
Cynthia Caporale, EPA Region 3 OASQA

THROUGH: Ex. 4 - CBI SERAS Program Manager

FROM: Ex. 4 - CBI SERAS QA/QC Officer

SUBJECT: VERIFICATION/COMPLETENESS CHECK – DIMOCK, PA LABORATORY DATA
File 1201042, 12012008 P-1201028 PARTIAL 02 01 2012 1645.pdf
File 1202005, 1202008 P-1201028 FINAL 02 03 2012 1801.pdf
File 1202010, 1202010 P-1201028 FINAL 02 07 2012 1604.pdf
File 1202014, 1202008 P-1201028 FINAL 02 09 2012 1500.pdf

INTRODUCTION

On February 17, 2012, a review of the case narratives and corresponding certificates of analysis from the EPA R2 (MBAS Reports Posted Feb 15) were performed at the SERAS facility in accordance with the Follow-Up Verification/Completeness Check agreed upon during our teleconference on Wednesday 2/8/12.

The assumptions for this review include the following: 1) Case narratives from the Regional labs and/or subcontract labs have been reviewed in accordance with Regional or Environmental Services Assessment Team (ESAT) protocols and contain all pertinent and complete information to conduct the completeness check. SERAS will base this review on the information provided by the laboratory and not on an actual data package; and 2) SERAS will relay any "red" flags to the EPA R3 personnel to resolve and determine data usability.

OBSERVATIONS

In accordance with Table 1 – Field and QC Sampling Summary (Rev01 - 2/3/12), Table 2 – Sample Analytical Requirements Summary (Rev01 – 2/3/12), Methods for Groundwater and Surface Water Samples and the R2 SOP #C-61, the following observations were noted and need to be clarified/resolved.

File 1201042, 12012008 P-1201028 PARTIAL 02 01 2012 1645.pdf

1. It is assumed that all required QC in the method (duplicate, MS, LCS, etc) was run and was within the criteria listed in SOP #C-61 since this information is not available in the laboratory report. No observations can be made based on precision and accuracy data.
2. The required RL for MBAS was 0.01 mg/L, which the laboratory reported; however, their SOP states the RL for this analysis is 0.1 mg/L.

Lockheed Martin
Scientific Engineering, Response and Analytical Services
2890 Woodbridge Avenue Building 209
Edison, NJ 08837-3679
Telephone 732-321-4200 Facsimile 732-494-4021

File 1202005, 1202008 P-1201028 FINAL 02 03 2012 1801.pdf

1. It is assumed that all required QC in the method was run and was within the criteria listed in SOP #C-61 since this information is not available in the laboratory report. No observations can be made on precision and accuracy data.
2. The required RL for MBAS was 0.01 mg/L, which the laboratory reported; however, their SOP states the RL for this analysis is 0.1 mg/L.

File 1202010, 1202010 P-1201028 FINAL 02 07 2012 1604.pdf

1. It is assumed that all required QC in the method was run and was within the criteria listed in SOP #C-61 since this information is not available in the laboratory report. No observations can be made on precision and accuracy data.
2. The required RL for MBAS was 0.01 mg/L, which the laboratory reported; however, their SOP states the RL for this analysis is 0.1 mg/L.

File 1202014, 1202008 P-1201028 FINAL 02 09 2012 1500.pdf

1. It is assumed that all instrumental QC were within the limits in SOP #C-61. Precision and accuracy data for the LCS, MS and lab duplicate were included in this report.

cc: Sella Burchette, SERAS Project Officer
John Gilbert, ERT WAM
Gary Newhart, ERT WAM
Ex. 4 - CBI SERAS Task Leader